



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	4239-67983-01
Application Number	10/798,799
Filing Date	March 10, 2004
First Named Inventor	Mehta
Art Unit	1653
Examiner Name	Not yet assigned

U.S. PATENT DOCUMENTS

NOTE: If this application was filed after June 30, 2003, copies of United States patents and United States published patent applications do not have to be provided to the Patent Office. This requirement of 37 C.F.R. § 1.98(a)(2)(i) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on August 5, 2003 (1276 OG 55).

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		6,518,021	02/11/2003	Thastrup et al.
		US 2001/0031469	10/18/2001	Volinia

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		PCT	WO 97/02360	01/23/1997	
		PCT	WO 00/49410	08/24/2000	

OTHER DOCUMENTS

Examiner's Initials*	Cite No. (optional)	
		Ala-Uotila et al., "Use of a Hollow Fiber Bioreactor for Large-Scale Production of Alpha 2-Adrenoceptors in Mammalian Cells," <i>J. Biotechnol.</i> 37(2):179-184, September 30, 1994 (abstract only).
		Armstrong et al., "A RANK/TRAF6-Dependent Signal Transduction Pathway Is Essential for Osteoclast Cytoskeletal Organization and Resorptive Function," <i>The Journal of Biological Chemistry</i> 277(46):44347-44356, 2002.
		Asthaigiri et al., "A Computational Study of Feedback Effects on Signal Dynamics in a Mitogen-Activated Protein Kinase (MAPK) Pathway Model," <i>Biotechnol. Prog.</i> 17(2):227-239, 2001.
		Asthaigiri et al., "Bioengineering Models of Cell Signaling," <i>Annu. Rev. Biomed. Eng.</i> 2:31-53, 2000 (abstract only).
		Baker, "Editorial: Dying (Apoptosing?) for a Consensus on the Fas Death Pathway in the Thyroid," <i>The Journal of Clinical Endocrinology & Metabolism</i> 84(8):2593-2595, 1999.

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		Ballif et al., "Molecular Mechanisms Mediating Mammalian Mitogen-Activated Protein Kinase (MAPK) Kinase (MEK)-MAPK Cell Survival Signals," <i>Cell Growth & Differentiation</i> 12:397-408, August 2001.	
		Beck, Jr. et al., "Gene Array Analysis of Osteoblast Differentiation," <i>Cell Growth & Differentiation</i> 12:61-83, February 2001 (abstract only).	
		Bhalla, "The Chemical Organization of Signaling Interactions," <i>Bioinformatics</i> 18(6):855-863, June 2002 (abstract only).	
		Blanchetot et al., "Intra- and Intermolecular Interactions Between Intracellular Domains of Receptor Protein-Tyrosine Phosphatases," <i>The Journal of Biological Chemistry</i> 277(49):47263-47269, 2002.	
		Bond et al., "Tissue Inhibitor of Metalloproteinase-3 Induces a Fas-Associated Death Domain-Dependent Type II Apoptotic Pathway," <i>The Journal of Biological Chemistry</i> 277(16):13787-13795, 2002.	
		Bondzi et al., "Src Family Kinase Activity Is Required for Kit-Mediated Mitogen-Activated Protein (MAP) Kinase Activation, However Loss of Functional Retinoblastoma Protein Makes MAP Kinase Activation Unnecessary for Growth of Small Cell Lung Cancer Cells," <i>Cell Growth & Differentiation</i> 11:305-314, June 2000.	
		Brennan et al., "Phosphorylation Regulates the Nucleocytoplasmic Distribution of Kinase Suppressor of Ras," <i>The Journal of Biological Chemistry</i> 277(7):5369-5377, 2002.	
		Brightman et al., "4. Computer Simulation of Signal Transduction," <i>Computer Simulation of EGF Signal Transduction</i>, 6pp.	
		Burkhardt, "Research Summary - The Role of the Cytoskeleton in T Cell Function," 3pp., October 10, 2002.	
		Burstein et al., "Preoperative Therapy with Trastuzumab and Paclitaxel Followed by Sequential Adjuvant Doxorubicin/Cyclophosphamide for HER2 Overexpressing Stage II or III Breast Cancer: A Pilot Study," <i>J. Clin. Oncol.</i> 21(1):46-53, January 1, 2003 (abstract only).	
		Burtcher et al., "The IGF/IGF-1 Receptor Signaling Pathway as a Potential Target for Cancer Therapy," <i>Drug Resistance Updates</i> 2:3-8, 1999.	
		Busse et al., "Tyrosine Kinase Inhibitors: Rationale, Mechanisms of Action, and Implications for Drug Resistance," <i>Semin. Oncol.</i> 28(5 Suppl 16):47-55, October 2001 (abstract only).	
		Chen et al., "A Fibrous-Bed Bioreactor for Continuous Production of Developmental Endothelial Locus-1 by Osteosarcoma Cells," <i>J. Biotechnol.</i> 97(1):23-39, July 17, 2002 (abstract only).	

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		Chen et al., "The Angiogenic Factors Cyr61 and Connective Tissue Growth Factor Induce Adhesive Signaling in Primary Human Skin Fibroblasts," <i>The Journal of Biological Chemistry</i> 276(13):10443-10452, 2001.	
		Chen et al., "The Recruitment of Fas-Associated Death Domain/Caspase-8 in Ras-Induced Apoptosis," <i>Cell Growth & Differentiation</i> 12:297-306, June 2001.	
		Chen et al., "Stimulus-Specific Requirements for MAP3 Kinases in Activating the JNK Pathway," <i>The Journal of Biological Chemistry</i> 277(51):49105-49110, 2002.	
		Cross et al., "Quinone Reductase Inhibitors Block SAPK/JNK and NFκB Pathways and Potentiate Apoptosis," <i>The Journal of Biological Chemistry</i> 274(44):31150-31154, 1999.	
		Damelin et al., "In Situ Analysis of Spatial Relationships Between Proteins of the Nuclear Pore Complex," <i>Biophys. J.</i> 83(6):3626-3636, December 2002 (abstract only).	
		De Miguel et al., "Dissection of the c-Kit Signaling Pathway in Mouse Primordial Germ Cells by Retroviral-Mediated Gene Transfer," <i>PNAS</i> 99(16):10458-10463, August 6, 2002.	
		Dierick et al., "Cellular Mechanisms of Wingless/Wnt Signal Transduction," <i>Curr. Top. Dev. Biol.</i> 43:153-190, 1999 (abstract only).	
		Dinger et al., "Homodimerization of Neuropeptide Y Receptors Investigated by Fluorescence Resonance Energy Transfer in Living Cells," <i>J. Biol. Chem.</i> , January 2003 (abstract only).	
		Du et al., "Multiple Signaling Pathways Direct the Initiation of Tyrosine Hydroxylase Gene Expression in Cultured Brain Neurons," <i>Brain Res. Mol. Brain Res.</i> 50(1-2):1-8, October 15, 1997 (abstract only).	
		Eickhoff et al., "Protein Array Technology: The Tool to Bridge Genomics and Proteomics," <i>Adv. Biochem. Eng. Biotechnol.</i> 77:103-112, 2002 (abstract only).	
		English et al., "Pharmacological Inhibitors of MAPK Pathways," <i>TRENDS in Pharmacological Sciences</i> 23(1):40-45, January 2002.	
		Ethier, "Signal Transduction Pathways: The Molecular Basis for Targeted Therapies," <i>Semin. Radiat. Oncol.</i> 12(3 Suppl. 2):3-10, July 2002 (abstract only).	
		Fang et al., "G-Protein-Coupled Receptor Microarrays," <i>Chembiochem.</i> 3(10):987-991, October 4, 2002 (abstract only).	
		Feng et al., "The c-Kit Receptor and its Possible Signaling Transduction Pathway in Mouse Spermatozoa," <i>Mol. Reprod. Dev.</i> 49(3):317-326, March 1998 (abstract only).	
		Fischer-Colbrie et al., "Transsynaptic Regulation of Galanin, Neurotensin, and Substance P in the Adrenal Medulla: Combinatorial Control by Second-Messenger Signaling Pathways," <i>J. Neurochem.</i> 59(2):780-783, August 1992 (abstract only).	

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		Frost et al., "Cross-Cascade Activation of ERKs and Ternary Complex Factors by Rho Family Proteins," <i>The EMBO Journal</i> 16(21):6426-6438, 1997.	
		Fujita et al., "Overexpression of Mutant Ras in Human Melanoma Increases Invasiveness, Proliferation and Anchorage-Independent Growth in vitro and Induces Tumour Formation and Cachexia in vivo," <i>Melanoma Res.</i> 9(3):279-291, June 1999 (abstract only).	
		Gaits et al., "Shedding Light on Cell Signaling: Interpretation of FRET Biosensors," <i>Sci. STKE</i> 2003, pe3, 5pp., 2003.	
		Gallagher et al., "Binding of JNK/SAPK to MEKK1 Is Regulated by Phosphorylation," <i>The Journal of Biological Chemistry</i> 277(48):45785-45792, 2002.	
		Ge, "UPA, a Universal Protein Array System for Quantitative Detection of Protein-Protein, Protein-DNA, Protein-RNA and Protein-Ligand Interactions," <i>Nucleic Acids Research</i> 28(2):i-vii, 2000.	
		Geffen et al., "New Drugs for the Treatment of Cancer, 1990-2001," <i>Isr. Med. Assoc. J.</i> 4(12):1124-1131, December 2002 (abstract only).	
		Ghosh et al., "Rational Design of Potent and Selective EGFR Tyrosine Kinase Inhibitors as Anticancer Agents," <i>Curr. Cancer Drug Targets</i> 1(2):129-140, August 2001 (abstract only).	
		Golemis et al., "Signal Transduction Driving Technology Driving Signal Transduction: Factors in the Design of Targeted Therapies," <i>Journal of Cellular Biochemistry Supplement</i> 37:42-52, 2001.	
		Goodwin et al., "Three-Dimensional Culture of a Mixed Mullerian Tumor of the Ovary: Expression of in vivo Characteristics," <i>In Vitro Cell Dev. Biol. Anim.</i> 33(5):366-374, May 1997 (abstract only).	
		Goss et al., "Aromatase Inhibitors for Chemoprevention," <i>Best Pract. Res. Clin. Endocrinol. Metab.</i> 18(1):113-130, March 2004 (abstract only).	
		Gough, "Signal Transduction Pathways as Targets for Therapeutics," <i>Sci. STKE</i> 2001(76):PE1, April 3, 2001 (abstract only).	
		Gramer et al., "Effect of Harvesting Protocol on Performance of a Hollow Fiber Bioreactor," <i>Biotechnology and Bioengineering</i> 65(3):334-340, November 5, 1999.	
		Gray et al., "Nonradioactive Methods for the Assay of Phosphoinositide 3-Kinases and Phosphoinositide Phosphatases and Selective Detection of Signaling Lipids in Cell and Tissue Extracts," <i>Anal. Biochem.</i> 313(2):234-245, February 15, 2003 (abstract only).	
		Guibinga et al., "Combinatorial Blockade of Calcineurin and CD28 Signaling Facilitates Primary and Secondary Therapeutic Gene Transfer by Adenovirus Vectors in Dystrophic (mdx) Mouse Muscles," <i>Journal of Virology</i> 72(6):4601-4609, June 1998.	

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		Gutkind, "Regulation of Mitogen-Activated Protein Kinase Signaling Networks by G Protein-Coupled Receptors," <i>Sci. STKE</i> 2000(40):RE1, July 11, 2000 (abstract only).	
		Haab, "Advances in Protein Microarray Technology for Protein Expression and Interaction Profiling," <i>Curr. Opin. Drug Discov. Devel.</i> 4(1):116-123, January 2001 (abstract only).	
		Harkin, "Uncovering Functionally Relevant Signaling Pathways Using Microarray-Based Expression Profiling," <i>The Oncologist</i> 5:501-507, 2000.	
		Haugh, "A Unified Model for Signal Transduction Reactions in Cellular Membranes," <i>Biophysical Journal</i> 82(2):591-604, February 2002.	
		Haugh et al., "Mathematical Modeling of Epidermal Growth Factor Receptor Signaling Through the Phospholipase C Pathway: Mechanistic Insights and Predictions for Molecular Interventions," <i>Biotechnol. Bioeng.</i> 70(2):225-238, October 20, 2000 (abstract only).	
		Heinrich et al., "Mathematical Models of Protein Kinase Signal Transduction," <i>Molecular Cell</i> 9:957-970, May 2002.	
		Heldin, "Signal Transduction: Multiple Pathways, Multiple Options for Therapy," <i>Stem Cells</i> 19:295-303, 2001.	
		Hermanto et al., "Inhibition of Mitogen-Activated Protein Kinase Kinase Selectively Inhibits Cell Proliferation in Human Breast Cancer Cells Displaying Enhanced Insulin-Like Growth Factor I-Mediated Mitogen-Activated Protein Kinase Activation," <i>Cell Growth & Differentiation</i> 11:655-664, December 2000.	
		Houseman et al., "Towards Quantitative Assays with Peptide Chips: A Surface Engineering Approach," <i>Trends Biotechnol.</i> 20(7):279-281, July 2002 (abstract only).	
		Hu et al., "Prolonged Activation of the Mitogen-Activated Protein Kinase Pathway Is Required for Macrophage-Like Differentiation of a Human Myeloid Leukemic Cell Line," <i>Cell Growth & Differentiation</i> 11:191-200, April 2000.	
		Huang et al., "High-Throughput Genomic and Proteomic Analysis Using Microarray Technology," <i>Clinical Chemistry</i> 47(10):1912-1916, 2001.	
		Huang, "Detection of Multiple Proteins in an Antibody-Based Protein Microarray System," <i>J. Immunol. Methods</i> 255(1-2):1-13, September 1, 2001 (abstract only).	
		Igarashi et al., "Development of a Cell Signaling Networks Database," 11pp	
		Isshiki et al., "A Molecular Sensor Detects Signal Transduction from Caveolae in Living Cells," <i>The Journal of Biological Chemistry</i> 277(45):43389-43398, 2002.	

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		Jain et al., "Statistical Pattern Recognition: A Review," <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> 22(1):4-37, January 2000.	
		Jessup et al., "Prospects for Use of Microgravity-Based Bioreactors to Study Three-Dimensional Host-Tumor Interactions in Human Neoplasia," <i>J. Cell. Biochem.</i> 51(3):290-300, March 1993 (abstract only).	
		Katz et al., "Cellular and Molecular Mechanisms of Carcinogenesis," <i>Gastroenterol. Clin. North Am.</i> 31(2):379-394, June 2002 (abstract only).	
		Katz et al., "Proliferative Signaling and Disease Progression in Heart Failure," <i>Circ. J.</i> 66:225-231, 2002.	
		Kawada et al., "Massive Culture of Human Liver Cancer Cells in a Newly Developed Radial Flow Bioreactor System: Ultrafine Structure of Functionally Enhanced Hepatocarcinoma Cell Lines," <i>In Vitro Cell Dev. Biol. Anim.</i> 34(2):109-115, February 1998 (abstract only).	
		Kholodenko et al., "Untangling the Wires: A Strategy to Trace Functional Interactions in Signaling and Gene Networks," <i>PNAS</i> 99(20):12841-12846, October 1, 2002.	
		Kiley et al., "Protein Kinase C δ Involvement in Mammary Tumor Cell Metastasis," <i>Cancer Research</i> 59:3230-3238, July 1, 1999.	
		Kim et al., "Radicicol Suppresses Transformation and Restores Tropomyosin-2 Expression in Both ras- and MEK-Transformed Cells Without Inhibiting the Raf/MEK/ERK Signaling Cascade," <i>Cell Growth & Differentiation</i> 12:543-550, November 2001.	
		Kurokawa et al., "A Pair of Fluorescent Resonance Energy Transfer-Based Probes for Tyrosine Phosphorylation of the CrkII Adaptor Protein in Vivo," <i>The Journal of Biological Chemistry</i> 276(33):31305-31310, 2001.	
		Larijani et al., "EGF Regulation of PITP Dynamics Is Blocked by Inhibitors of Phospholipase C and of the Ras-MAP Kinase Pathway," <i>Curr. Biol.</i> 13(1):78-84, January 8, 2003 (abstract only).	
		Lev et al., "A Specific Combination of Substrates is Involved in Signal Transduction by the Kit-Encoded Receptor," <i>EMBO J.</i> 10(3):647-654, March 1991 (abstract only).	
		Levi et al., "Reversible Fast-Dimerization of Bovine Serum Albumin Detected by Fluorescence Resonance Energy Transfer," <i>Biochim. Biophys. Acta.</i> 1599(1-2):141-148, September 23, 2002 (abstract only).	
		Levitzki, "Signal-Transduction Therapy. A Novel Approach to Disease Management," <i>Eur. J. Biochem.</i> 226(1):1-13, November 15, 1994 (abstract only).	

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		Licato et al., "A Novel Preclinical Model of Human Malignant Melanoma Utilizing Bioreactor Rotating-Wall Vessels," <i>In Vitro Cell Dev. Biol. Anim.</i> 37(3):121-126, March 2001 (abstract only).	
		Liotta et al., "Clinical Proteomics – Personalized Molecular Medicine," <i>JAMA</i> 286(18):2211-2214, November 14, 2001.	
		Liu et al., "Inhibitory Effect and its Kinetic Analysis of Tyrphostin AG1478 on Recombinant Human Protein Kinase CK2 Holoenzyme," <i>Acta. Pharmacol. Sin.</i> 23(6):556-561, June 2002 (abstract only).	
		Lobenhofer et al., "Inhibition of Mitogen-Activated Protein Kinase and Phosphatidylinositol 3-Kinase Activity in MCF-7 Cells Prevents Estrogen-Induced Mitogenesis," <i>Cell Growth & Differentiation</i> 11:99-110, February 2000.	
		Lok, "Software for Signaling Networks, Electronic and Cellular," <i>Sci. STKE</i> 2002(122):PE11, March 5, 2002 (abstract only).	
		Lopez et al., "A Model-Based Approach for Assessing in vivo Combination Therapy Interactions," <i>PNAS</i> 96(23):13023-13028, November 9, 1999.	
		Malek et al., "Mechanism of Endothelial Cell Shape Change and Cytoskeletal Remo Response to Fluid Shear Stress," <i>Journal of Cell Science</i> 109:713-726, 1996.	
		Malone et al., "Characterization of Human Tumor-Infiltrating Lymphocytes Expanded in Hollow-Fiber Bioreactors for Immunotherapy of Cancer," <i>Cancer Biother. Radiopharm.</i> 16(5):381-390, October 2001 (abstract only).	
		Marcello et al., "Visualization of in Vivo Direct Interaction Between HIV-1 TAT and Human Cyclin T1 in Specific Subcellular Compartments by Fluorescence Resonance Energy Transfer," <i>The Journal of Biological Chemistry</i> 276(42):39220-39225, 2001.	
		Marinissen et al., "G-Protein-Coupled Receptors and Signaling Networks: Emerging Paradigms," <i>Trends Pharmacol. Sci.</i> 22(7):368-376, July 2001 (abstract only).	
		McVey et al., "Monitoring Receptor Oligomerization Using Time-Resolved Fluorescence Resonance Energy Transfer and Bioluminescence Resonance Energy Transfer," <i>The Journal of Biological Chemistry</i> 276(17):14092-14099, 2001.	
		Mihich et al., "Twelfth Annual Pezcoller Symposium: Signaling Cross-Talks in Cancer Cells," <i>Cancer Research</i> 60:7177-7183, December 15, 2000.	
		Mills et al., "Linking Molecular Therapeutics to Molecular Diagnostics: Inhibition of the FRAP/RAFT/TOR Component of the P13K Pathway Preferentially Blocks PTEN Mutant Cells in Vitro and in Vivo," <i>PNAS</i> 98(18):10031-10033, August 28, 2001.	
		Mirza et al., "Oncogenic Transformation of Cells by a Conditionally Active Form of the Protein Kinase Akt/PKB," <i>Cell Growth & Differentiation</i> 11:279-292, June 2000.	

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		Morozov et al., "Direct Detection of Isotopically Labeled Metabolites Bound to a Protein Microarray Using a Charge-Coupled Device," <i>J. Biochem. Biophys. Methods</i> 51(1):57-67, March 4, 2002 (abstract only).	
		Nabi et al., "Autocrine Motility Factor and its Receptor: Role in Cell Locomotion and Metastasis," <i>Cancer Metastasis Rev.</i> 11(1):5-20, March 1992 (abstract only).	
		Noll et al., "A Cell-Culture Reactor for the On-Line Evaluation of Radiopharmaceuticals: Evaluation of the Lumped Constant of FDG in Human Glioma Cells," <i>J. Nucl. Med.</i> 41(3):556-564, March 2000 (abstract only).	
		Oshikawa et al., "Synergistic Inhibition of Tumor Growth in a Murine Mammary Adenocarcinoma Model by Combinational Gene Therapy Using IL-12, Pro-IL-18, and IL-1 β Converting Enzyme cDNA," <i>PNAS</i> 96(23):13351-13356, November 9, 1999.	
		Palomer et al., "Identification of Novel Cyclooxygenase-2 Selective Inhibitors Using Pharmacophore Models," <i>J. Med. Chem.</i> 45(7):1402-1411, March 28, 2002 (abstract only).	
		Papineni et al., "Suramin Interacts with the Calmodulin Binding Site on the Ryanodine Receptor, RYR1," <i>The Journal of Biological Chemistry</i> 277(51):49167-49174, 2002.	
		Park et al., "Involvement of p38 Kinase in Hydroxyurea-Induced Differentiation of K562 Cells," <i>Cell Growth & Differentiation</i> 12:481-486, September 2001.	
		Pawletz et al., "Reverse Phase Protein Microarrays Which Capture Disease Progression Show Activation of Pro-Survival Pathways at the Cancer Invasion Front," <i>Oncogene</i> 20:1981-1989, 2001.	
		Pawlak et al., "Zeptosens' Protein Microarrays: A Novel High Performance Microarray Platform for Low Abundance Protein Analysis," <i>Proteomics</i> 2(4):383-393, April 2002 (abstract only).	
		Petricoin et al., "Clinical Proteomics: Translating Benchside Promise Into Bedside Reality," <i>Nature Reviews/Drug Discovery</i> 1:683-695, September 2002.	
		Price et al., "Role of Vascular Endothelial Growth Factor in the Stimulation of Cellular Invasion and Signaling of Breast Cancer Cells," <i>Cell Growth & Differentiation</i> 12:129-135, March 2001.	
		Raymond et al., "Epidermal Growth Factor Receptor Tyrosine Kinase as a Target for Anticancer Therapy," <i>Drugs</i> 2000 60 Suppl. 1:15-23; discussion 41-2, 2000 (abstract only).	
		Reiners et al., "PD98059 is an Equipotent Antagonist of the Aryl Hydrocarbon Receptor and Inhibitor of Mitogen-Activated Protein Kinase Kinase," <i>Mol. Pharmacol.</i> 53(3):438-445, March 1998 (abstract only).	

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		Robinson et al., "Different Domains of the Mitogen-Activated Protein Kinases ERK3 and ERK2 Direct Subcellular Localization and Upstream Specificity in Vivo," <i>The Journal of Biological Chemistry</i> 277(7):5094-5100, 2002.	
		Rocha et al., "Protein Kinase C Inhibitor and Irradiation-Induced Apoptosis: Relevance of the Cytochrome c-Mediated Caspase-9 Death Pathway," <i>Cell Growth & Differentiation</i> 11:491-499, September 2000.	
		Schoeberl et al., "Computational Modeling of the Dynamics of the MAP Kinase Cascade Activated by Surface and Internalized EGF Receptors," <i>Nature Biotechnology</i> 20:370-375, April 2002.	
		Schwab et al., "Modeling Signal Transduction in Normal and Cancer Cells Using Complex Adaptive Systems," <i>Med. Hypotheses</i> 48(2):111-123, February 1997 (abstract only).	
		Sedaghat et al., "A Mathematical Model of Metabolic Insulin Signaling Pathways," <i>Am. J. Physiol. Endocrinol. Metab.</i> 283(5):E1084-E1101, November 2002 (abstract only).	
		Seong, "Microimmunoassay Using a Protein Chip: Optimizing Conditions for Protein Immobilization," <i>Clinical and Diagnostic Laboratory Immunology</i> 9(4):927-930, July 2002.	
		Smith et al., "Signaling Complexes: Junctions on the Intracellular Information Super Highway," <i>Curr. Biol.</i> 12(1):R32-R40, January 8, 2002 (abstract only).	
		Sreekumar et al., "Profiling of Cancer Cells Using Protein Microarrays: Discovery of Novel Radiation-Regulated Proteins," <i>Cancer Research</i> 61:7585-7593, October 15, 2001.	
		Staib et al., "TP53 and Liver Carcinogenesis," <i>Hum. Mutat.</i> 21(3):201-216, March 2003 (abstract only).	
		Stoll et al., "Protein Microarray Technology," <i>Front. Biosci.</i> 7:c13-c32, January 1, 2002 (abstract only).	
		Strnad et al., "Induction of Rapid and Reversible Cytokeratin Filament Network Remodeling by Inhibition of Tyrosine Phosphatases," <i>Journal of Cell Science</i> 115:4133-4148, August 7, 2002.	
		Stultz et al., "Phosphorylation-Induced Conformational Changes in a Mitogen-Activated Protein Kinase Substrate," <i>The Journal of Biological Chemistry</i> 277(49):47653-47661, 2002.	
		Su et al., "A Combinatorial Approach for Selectively Inducing Programmed Cell Death in Human Pancreatic Cancer Cells," <i>PNAS</i> 98(18):10332-10337, August 28, 2001.	
		Taipale et al., "The Hedgehog and Wnt Signalling Pathways in Cancer," <i>Nature</i> 411(6835):349-354, May 17, 2001 (abstract only).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Attorney Docket Number	4239-67983-01
		Application Number	10/798,799
		Filing Date	March 10, 2004
		First Named Inventor	Mehta
		Art Unit	1653
		Examiner Name	Not yet assigned
		Templin et al., "Protein Microarray Technology," <i>Trends Biotechnol.</i> 20(4):160-166, April 2002 (abstract only).	
		Tenzer et al., "The Phosphatidylinositide 3'-Kinase/Akt Survival Pathway Is a Target for the Anticancer and Radiosensitizing Agent PKC412, an Inhibitor of Protein Kinase C," <i>Cancer Research</i> 61:8203-8210, November 15, 2001.	
		Torrance et al., "Combinatorial Chemoprevention of Intestinal Neoplasia," <i>Nature Medicine</i> 6(8):1024-1028, September 2000.	
		Tortora et al., "Protein Kinase A as Target for Novel Integrated Strategies of Cancer Therapy," <i>Ann. N.Y. Acad. Sci.</i> 968:139-147, 2002.	
		Varshavsky, "Codominant Interference, Antieffectors, and Multitarget Drugs," <i>Proc. Natl. Acad. Sci. USA</i> 95:2094-2099, March 1998.	
		Vogt et al., "A Random Walk in Oncogene Space: The Quest for Targets," <i>Cell Growth & Differentiation</i> 10:777-784, December 1999.	
		Wall et al., "Mitogen-Activated Protein Kinase Is Required for Bryostatin 1-Induced Differentiation of the Human Acute Lymphoblastic Leukemia Cell Line Reh," <i>Cell Growth & Differentiation</i> 12:641-647, December 2001.	
		Wang et al., "The p38 Mitogen-Activated Protein Kinase Mediates Cytoskeletal Remodeling in Pulmonary Microvascular Endothelial Cells Upon Intracellular Adhesion Molecule-1 Ligation," <i>The Journal of Immunology</i> , pp. 6877-6884, 2001.	
		Weng et al., "Generating Addressable Protein Microarrays With PROfusion Covalent mRNA-Protein Fusion Technology," <i>Proteomics</i> 2(1):48-57, January 2002 (abstract only).	
		Whitacre et al., "Adrogen Induction of in Vitro Prostate Cell Differentiation," <i>Cell Growth & Differentiation</i> 13:1-11, January 2002.	
		Whitehurst et al., "ERK2 Enters the Nucleus by a Carrier-Independent Mechanism," <i>PNAS</i> 99(11):7496-7501, May 28, 2002.	
		Wiese, "Analysis of Several Fluorescent Detector Molecules for Protein Microarray Use," <i>Luminescence</i> 18(1):25-30, January-February 2003 (abstract only).	
		Winters et al., "Combination of a Selective Cyclooxygenase 2 Inhibitor and a Calcium Channel Blocker Causes a Cooperative Anticancer Effect," National Cancer Institute, FDA-NCI Clinical Proteomics Program, Howard Hughes Medical Institute, and Food and Drug Administration, 26 pp.	
		Wong et al., "Molecular Topography Imaging by Intermembrane Fluorescence Resonance Energy Transfer," <i>Proc. Natl. Acad. Sci. USA</i> 99(22):14147-14152, October 29, 2002 (abstract only).	

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		Xu et al., "The Inducible Expression of the Tumor Suppressor Gene PTEN Promotes Apoptosis and Decreases Cell Size by Inhibiting the P13K/Akt Pathway in Jurkat T Cells," <i>Cell Growth & Differentiation</i> 13:285-296, July 2002.	
		Yarden," The EGFR Family and its Ligands in Human Cancer: Signalling Mechanisms and Therapeutic Opportunities," <i>European Journal of Cancer</i> 37:S3-S8, 2001.	
		Yarden et al., "Untangling the ErbB Signalling Network," <i>Nat. Rev. Mol. Cell. Biol.</i> 2(2):127-137, February 2001 (abstract only).	
		Zhu et al., "Protein Arrays and Microarrays," <i>Curr. Opin. Chem. Biol.</i> 5(1):40-45, February 2001 (abstract only).	

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